

Your browser does not support script

[Site Map](#) [HDI](#) Search:

Keyword(s)

[HOME](#) / [Investor Centre](#) / [News Releases](#)

[Investor Centre](#) [News Releases](#) [Preliminary Assessment 2011](#) [Northern Dynasty Partners](#)
[& Investors](#) [Stock Quotes](#) [Media Coverage](#) [Analyst Coverage](#) [Presentations](#) [Corporate Events](#)
[SEDAR Filings](#) [Message From the President](#)

FACT SHEET

April 2011 (1.12 Mb)

April 28, 2011

Preliminary Assessment Figures February 2011

[-Pebble mine-site layout for the 25 year IDC Case](#) — [Pebble transportation corridor and port site location](#)

[-Annual pre-tax cash flows for the 45-year Reference Case](#) — [Annual cost for the 45-year Reference Case](#)

Pebble Project -- Preliminary Assessment Technical Report (PDF, 32MB)

On February 17, 2011, Wardrop, A Tetra Tech Company issued an independent 43-101 compliant Preliminary Assessment Technical Report of the Pebble Project. The Preliminary Assessment is based on concept, pre-feasibility and feasibility-level technical and engineering studies completed by the Pebble Partnership and Northern Dynasty.

Wardrop's Preliminary Assessment describes and assigns potential economic value to three successive mine development cases comprising 25, 45 and 78 years of open pit mining and a

nominal processing rate of 200,000 tons per day. Wardrop selected the 45-Reference Case as the base case for its study.

For the Pebble Project, the *45-year Reference Case* yields a 14.2% pre-tax IRR, a 6.2-year payback on initial capital investment of \$4.7 billion and a \$6.1 billion pre-tax NPV at a 7% discount rate and long-term metal prices. At current prevailing metal prices, the *45-year Reference Case* yields a 23.2% pre-tax IRR, a 3.2-year payback on initial capital investment and a \$15.7 billion pre-tax NPV at a 7% discount rate.

For Northern Dynasty's 50% share of the project, the *45-year Reference Case* yields an 18% pre-tax and 15.4% post-tax IRR, a 4.7-year pre-tax and 5.3-year post-tax payback on initial capital investment and a \$3.6 billion pre-tax and \$2.4 billion post-tax NPV at a 7% discount rate and long-term metal prices. At current prevailing metal prices, the *45-year Reference Case* yields a 30.2% pre-tax and 25.1% post-tax IRR, a 2.6-year pre-tax and 3.1-year post-tax payback on initial capital investment and an \$8.3 billion pre-tax and \$5.6 billion post-tax NPV at a 7% discount rate for Northern Dynasty's 50% interest

The economic assessments and other opinions expressed in the Preliminary Assessment are strictly those of Northern Dynasty and Wardrop, and do not reflect the views of any other stakeholder in the project. The Pebble Partnership continues to separately undertake detailed engineering studies toward the completion of a Prefeasibility Report for the Pebble Project as contemplated by the 2007 Limited Partnership Agreement, including ongoing programs to engage project stakeholders in the planning process. As such, any project ultimately put forward by the Pebble Partnership for permitting under the National Environmental Policy Act (NEPA) may differ from those mine models in the Preliminary

Assessment.

[HDI](#) [Disclaimer](#) [Site Map](#)